

B¹
CONT'D.

63. (New) The maize cell of Claim 62 wherein the cell is part of a maize plant produced by the additional step of regenerating a plant from an embryo expressing the gene.

64. (New) A maize cell prepared by a method for transforming maize, wherein the method comprises the steps of:

contacting at least one immature embryo from a maize plant with *Agrobacterium* capable of transferring at least one gene to the embryo in a medium comprising N6 salts;

co-cultivating the embryo with *Agrobacterium* in a medium comprising N6 salts; and

culturing the embryo in a medium comprising N6 salts, an antibiotic capable of inhibiting the growth of *Agrobacterium*, and a selective agent to select for embryos expressing the gene.

65. (New) The maize cell of Claim 64 wherein the cell is part of a maize plant produced by the additional step of regenerating a plant from an embryo expressing the gene.

66. (New) A maize cell prepared by a method for transforming maize, wherein the method comprises the steps of:

contacting at least one immature embryo from a maize plant with *Agrobacterium* capable of transferring at least one gene to the embryo in a medium comprising N6 or MS salts;

co-cultivating the embryo with *Agrobacterium* in a medium comprising MS salts;

and

culturing the embryo in a medium comprising N6 salts, an antibiotic capable of inhibiting the growth of *Agrobacterium*, and a selective agent to select for embryos expressing the gene.

67. (New) The maize cell of Claim 66 wherein the cell is part of a maize plant produced by the additional step of regenerating a plant from an embryo in a medium comprising MS salts.

72. (New) A transformed maize cell produced by a method comprising the steps of:
contacting at least one immature embryo from a maize plant with *Agrobacterium*
capable of transferring at least one gene to the embryo;
co-cultivating the embryo with *Agrobacterium*; and
culturing the embryo in a medium comprising salts other than MS salts, an
antibiotic capable of inhibiting the growth of *Agrobacterium*, and a selective agent to select for
cells expressing the gene; and
identifying cells expressing the gene.